

**GOVERNMENT OF INDIA  
COMMUNICATIONS AND INFORMATION TECHNOLOGY  
LOK SABHA**

STARRED QUESTION NO:182  
ANSWERED ON:07.12.2011  
DIESEL POWERED TOWERS  
Rai Shri Prem Das;Sugavanam Shri E.G.

**Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:**

- (a) whether the Government has taken note of the increased use of diesel by telecom companies in operating telecom towers and the consequential air and noise pollution;
- (b) if so, the details thereof and corrective action taken in the matter;
- (c) whether the telecom operators including BSNL are planning to install solar and wind turbine generators to power their signal towers;
- (d) if so, the details thereof; and
- (e) the time by which such generators are likely to be installed?

**Answer**

THE MINISTER OF HUMAN RESOURCES DEVELOPMENT AND COMMUNICATIONS AND INFORMATION TECHNOLOGY(SHRI KAPIL SIBAL)

(a) to (e) A Statement is laid on the Table of the House.

STATEMENT TO BE LAID ON THE TABLE OF THE LOK SABHA IN RESPECT OF PARTS (a) TO (e) OF LOK SABHA STARRED QUESTION NO. 182 FOR 7TH DECEMBER, 2011 REGARDING "DIESEL POWERED TOWERS"

(a) Yes, Madam.

(b) Department of Telecommunications has undertaken pilot projects of solar and solar – wind hybrid power sources in rural mobile Base Transceiver Stations (BTS) and found to be technically feasible. As envisaged in draft National Telecom Policy (NTP) 2011 Department of Telecommunications encouraging adoption of green policy in Telecommunication sector and incentivise the use of renewable energy sources for sustainability. This will result towards substantially reducing the consumption of diesel by Telecom Sector and reduction in pollution.

(c) Yes. Telecom operator including BSNL are planning to install solar and wind turbine generators to power their signal towers.

(d) & (e) The details of some of the operators and location for installation of Solar and Solar wind turbine generator is given as under:

(i) Bharat Sanchar Nigam Limited:

BSNL is providing 119 nos. solar power systems at following:

a) Himachal Pradesh 19

b) J & K 16

c) Leh 25

d) Sikkim 02

e) Arunachal Pradesh 15

f) Maharashtra 02

g) Bihar 01

h) Chhattisgarh 01

i) Haryana 02

j) Jharkhand 01

k) Punjab 01

l) Rajasthan 01

m) Uttaranchal 26

n) West Bengal 01

o) North East 04

(p) Kerala 02

And 6 nos. solar-wind hybrid power systems (One each at Gujarat, Karnataka, Maharashtra, M.P., Orissa & Tamilnadu)

(ii) Mahanagar Telephone Nigam Limited:

MTNL has already started this activity on pilot sites. A tender is being floated to use such methods on large scale.

(iii) AIRCEL: In Bihar Circle solar solution has been provided at more than 1000 sites.

(iv) RELIANCE: Planning to install Solar Solutions in 2 sites at Sangariya, Rajasthan and Khirvite, Maharashtra as pilot project.